

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2011 Levee Inspection Results**

**Reclamation District No. 2089 Stark**

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|                                  | Spring<br>(March - May) | Summer **<br>(June - August) | Fall<br>(September - November) | Winter **<br>(December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) |                         |                              |                                |                                    |

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles |
|-----------------------|-------|------------|
| Unit No. 01 Old River | Right | 1.53       |

|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating<br>(Fall Only) |                         |                           |                                |                                 |
| Date of Inspection                     | 5/24/2011 - 5/24/2011   |                           |                                |                                 |
| DWR Inspector                          | Jim Eto                 |                           |                                |                                 |
| Accompanied By                         | Bob Winter<br>KSN       |                           |                                |                                 |
|  | Mike Gikas<br>RD 2089   |                           |                                |                                 |

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              |  |  |  |  |  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|--|--|--|--|--|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River |  |  |  |  |  | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

  

| LMIR No. | Levee Mile |      | Category      | Item              | Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No. |
|----------|------------|------|---------------|-------------------|----------|--------|--|------------------------------|------------------------------|-----------|
|          | Start      | End  |               |                   |          |        |  | Start                        | End                          |           |
| 1        | 0.00       | 0.39 | Earthen Levee | Encroachments     | LS       | PO     | Agricultural Ditch<br>Inspector Comments: 05/24/2011 Photo added of Ag ditch.  | 37.811681 °<br>-121.384930 ° | 37.809755 °<br>-121.391520 ° | 9<br>Y    |
| 2        | 0.04       | 0.04 | Earthen Levee | Encroachments     | LS       | W      | Pipe<br>Inspector Comments: Drainage pump  | 37.811467 °<br>-121.385569 ° | 37.811467 °<br>-121.385569 ° | 7<br>Y    |
| 3        | 0.04       | 0.04 | Earthen Levee | Trim / Thin Trees | LS       | M      | Trim trees to at least five feet above ground level.<br>Inspector Comments: 05/24/2011 Issue is unchanged since Fall 2010 inspection photo attached.   | 37.811467 °<br>-121.385569 ° | 37.811467 °<br>-121.385569 ° | 3<br>Y    |
| 4        | 0.04       | 0.04 | Earthen Levee | Encroachments     | LS       | M      | Stairways<br>Inspector Comments: Steps have been cut into the levee slope, this could become an erosion point, please fill and compact.  | 37.811474 °<br>-121.385573 ° | 37.811474 °<br>-121.385573 ° | 1<br>Y    |
| 5        | 0.04       | 0.23 | Earthen Levee | Vegetation        | LS       | C      | Remove the wild growth other than native grasses from the levee slopes.  | 37.811453 °<br>-121.385660 ° | 37.810530 °<br>-121.388753 ° | 933       |
| 6        | 0.07       | 0.29 | Earthen Levee | Vegetation        | LS       | M      | Control annual grass and weeds on the levee slopes and easements.  | 37.811328 °<br>-121.386080 ° | 37.810235 °<br>-121.389852 ° | 5<br>Y    |
| 7        | 0.10       | 0.10 | Earthen Levee | Trim / Thin Trees | LS       | M      | Trim trees to at least five feet above ground level.<br>Inspector Comments: Two scrub oaks obstruct access to levee slope. 05/24/2011 Issue has not changed since Fall 2010 inspection, photo attached               | 37.811272 °<br>-121.386703 ° | 37.811272 °<br>-121.386703 ° | 935<br>Y  |
| 8        | 0.18       | 0.18 | Earthen Levee | Trim / Thin Trees | LS       | M      | Trim trees to at least five feet above ground level.<br>Inspector Comments: Trees are blocking visibility and access.  | 37.810802 °<br>-121.387969 ° | 37.810802 °<br>-121.387969 ° | 2<br>Y    |
| 9        | 0.23       | 0.23 | Earthen Levee | Trim / Thin Trees | LS       | M      | Trim trees to at least five feet above ground level.<br>Inspector Comments: 05/24/2011 Issue is unchanged since Fall 2010.   | 37.810532 °<br>-121.388823 ° | 37.810532 °<br>-121.388823 ° | 938<br>Y  |
| 10       | 0.24       | 0.24 | Earthen Levee | Trim / Thin Trees | LS       | N      | Tree stumps.<br>Inspector Comments: Stump greater than 2" on landside crown.   | 37.810499 °<br>-121.388884 ° | 37.810499 °<br>-121.388884 ° | 6<br>Y    |
| 11       | 0.24       | 0.24 | Earthen Levee | Trim / Thin Trees | WS       | M      | Trim trees to at least five feet above ground level.<br>Inspector Comments: Issue has not changed since Fall 2010.   | 37.810490 °<br>-121.389018 ° | 37.810490 °<br>-121.389018 ° | 939<br>Y  |
| 12       | 0.24       | 0.24 | Earthen Levee | Vegetation        | LS       | U      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Bamboo remains as an obstruction despite last years burning. 05/24/2011 Bamboo still remains, updated photo attached. | 37.810488 °<br>-121.389018 ° | 37.810488 °<br>-121.389018 ° | 940<br>Y  |
| 13       | 0.25       | 0.25 | Earthen Levee | Vegetation        | LS       | C      | Elderberries are blocking visibility and flood fight capability.<br>Inspector Comments: 04/24/2011 Cannot locate Elderberries at this levee mile.  | 37.810419 °<br>-121.389237 ° | 37.810419 °<br>-121.389237 ° | 941       |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

| LMIR No. | Levee Mile |      | Category      | Item              | Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No.<br>Photo |
|----------|------------|------|---------------|-------------------|----------|--------|--|------------------------------|------------------------------|--------------------|
|          | Start      | End  |               |                   |          |        |  | Start                        | End                          |                    |
| 14       | 0.26       | 0.26 | Earthen Levee | Vegetation        | WS       | M      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Brush is growing despite the rock protection.   | 37.810380 °<br>-121.389282 ° | 37.810380 °<br>-121.389282 ° | 942                |
| 15       | 0.26       | 0.26 | Earthen Levee | Trim / Thin Trees | LS       | N      | Tree stumps.<br>Inspector Comments: Stump in levee crown.  | 37.810376 °<br>-121.389290 ° | 37.810376 °<br>-121.389290 ° | 8<br>Y             |
| 16       | 0.27       | 0.27 | Earthen Levee | Vegetation        | LS       | C      | Elderberries are blocking visibility and flood fight capability.<br>Inspector Comments: 05/24/2011 Wild Rose located at this location, cannot locate Elderberries  | 37.810343 °<br>-121.389470 ° | 37.810343 °<br>-121.389470 ° | 943                |
| 17       | 0.27       | 0.39 | Earthen Levee | Vegetation        | LS       | U      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Access and visibility completely blocked.   | 37.810319 °<br>-121.389510 ° | 37.809740 °<br>-121.391645 ° | 12<br>Y            |
| 18       | 0.29       | 0.34 | Earthen Levee | Vegetation        | LS       | C      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Brush and trees are thick in this reach. Access and visibility is completely blocked.<br>Bamboo, Arundo and berries.                            | 37.810267 °<br>-121.389753 ° | 37.810012 °<br>-121.390697 ° | 944                |
| 19       | 0.29       | 0.34 | Earthen Levee | Trim / Thin Trees | LS       | U      | Trim trees over roadway to at least 12 feet above ground level.<br>Inspector Comments: Trees mixed with thick vegetation, trees need to be trimmed to 12' above roadway and to 5' elsewhere to permit access for flood fighting an visibility. | 37.810219 °<br>-121.389805 ° | 37.809978 °<br>-121.390704 ° | 17<br>Y            |
| 20       | 0.34       | 0.34 | Earthen Levee | Vegetation        | LS       | U      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Bamboo completely blocks access and visibility.   | 37.809978 °<br>-121.390704 ° | 37.809978 °<br>-121.390704 ° | 19<br>Y            |
| 21       | 0.36       | 0.44 | Earthen Levee | Vegetation        | LS       | C      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Tobacco plant, not Elderberry. Wild rose on lower slope limits access and visibility.   | 37.809963 °<br>-121.390925 ° | 37.809524 °<br>-121.392266 ° | 945                |
| 22       | 0.38       | 0.38 | Earthen Levee | Trim / Thin Trees | LS       | U      | Trim trees to at least five feet above ground level.   | 37.809865 °<br>-121.391303 ° | 37.809865 °<br>-121.391303 ° | 946<br>Y           |
| 23       | 0.39       | 0.39 | Earthen Levee | Trim / Thin Trees | LS       | M      | Thin trees to allow visibility of the ground and room to flood fight.  | 37.809788 °<br>-121.391490 ° | 37.809788 °<br>-121.391490 ° | 26<br>Y            |
| 24       | 0.41       | 0.47 | Earthen Levee | Trim / Thin Trees | LS       | C      | Trim trees to at least five feet above ground level.<br>Inspector Comments: Trees and wild rose obstruct access and visibility.  | 37.809793 °<br>-121.391717 ° | 37.809592 °<br>-121.392822 ° | 948                |
| 25       | 0.42       | 0.48 | Earthen Levee | Trim / Thin Trees | LS       | U      | Trim and thin trees to allow visibility of the ground and room to flood fight.<br>Inspector Comments: Trees need to be trimmed to allow visibility and 12 feet over roadway. Too thick to allow access and visibility.                         | 37.809643 °<br>-121.391869 ° | 37.809507 °<br>-121.392907 ° | 27<br>Y            |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              |            |      |               |                    |            |        | Bank   | Unit Miles                   | Inspection Start/End         | Inspector |
|-----------------------|------------|------|---------------|--------------------|------------|--------|--|------------------------------|------------------------------|-----------|
| Unit No. 01 Old River |            |      |               |                    |            |        | Right  | 1.53                         | 05/24/2011<br>05/24/2011     | Jim Eto   |
| LMR No                | Levee Mile |      | Category      | Item               | * Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No. |
|                       | Start      | End  |               |                    |            |        |  | Start                        | End                          | Photo     |
| 26                    | 0.42       | 0.48 | Earthen Levee | Vegetation         | LS         | U      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Vegetation is too thick to allow access and visibility.   | 37.809593 °<br>-121.391963 ° | 37.809507 °<br>-121.392907 ° | 28<br>Y   |
| 27                    | 0.47       | 0.47 | Earthen Levee | Encroachments      | WS         | W      | Pipe   | 37.809494 °<br>-121.392787 ° | 37.809494 °<br>-121.392787 ° | 10<br>Y   |
| 28                    | 0.49       | 0.49 | Earthen Levee | Trim / Thin Trees  | WS         | C      | Trim trees to at least five feet above ground level.   | 37.809658 °<br>-121.393023 ° | 37.809658 °<br>-121.393023 ° | 949       |
| 29                    | 0.50       | 0.50 | Earthen Levee | Trim / Thin Trees  | WS         | U      | Trim and thin trees to allow visibility of the ground and room to flood fight.<br>Inspector Comments: Trees need to be thinned, too dense to allow access in a flood fight situation.  | 37.809666 °<br>-121.393210 ° | 37.809666 °<br>-121.393210 ° | 29<br>Y   |
| 30                    | 0.50       | 0.50 | Earthen Levee | Vegetation         | LS         | U      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Dead growth is too thick to allow access during flood fight situation and completely obstructs visibility of the landside toe.  | 37.809665 °<br>-121.393219 ° | 37.809665 °<br>-121.393219 ° | 30<br>Y   |
| 31                    | 0.54       | 0.61 | Earthen Levee | Trim / Thin Trees  | WS         | C      | Trim trees to at least five feet above ground level.<br>Inspector Comments: Trees have been sprayed.   | 37.810137 °<br>-121.394150 ° | 37.810195 °<br>-121.395417 ° | 11        |
| 32                    | 0.60       | 0.60 | Earthen Levee | Trim / Thin Trees  | LS         | M      | Trim trees to at least five feet above ground level.<br>Inspector Comments: 05/24/2011 Issue remains unchanged since Fall 2010, photo attached   | 37.810230 °<br>-121.394967 ° | 37.810230 °<br>-121.394967 ° | 950<br>Y  |
| 33                    | 0.64       | 0.66 | Earthen Levee | Vegetation         | LS         | C      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Berries/brush on levee slope and toe.   | 37.810108 °<br>-121.395593 ° | 37.809971 °<br>-121.395901 ° | 22        |
| 34                    | 0.64       | 0.64 | Earthen Levee | Trim / Thin Trees  | LS         | M      | Trim trees to at least five feet above ground level.   | 37.810130 °<br>-121.395732 ° | 37.810130 °<br>-121.395732 ° | 951       |
| 35                    | 0.66       | 0.66 | Supplemental  | DWR Erosion Survey | WS         | U      | Inspector Comments: 09/07/2010: It was difficult to view the erosion due to the thick Willow thickets and other vegetation at the water line. At the time of the inspection, there were no signs of repair on site. As noted during the last survey, there is a 5-foot vertical scarp along the lower slope that may be subjected to high flow velocities.<br>08/05/2010: Recommended for repair, per CLRO; "Erosion of this site may be subjective to rapid rates of erosion."<br>[2010 SiteID: RD2089U01RM29.61] | 37.809780 °<br>-121.396230 ° | 37.809780 °<br>-121.396230 ° | 4<br>Y    |
| 36                    | 0.67       | 0.68 | Earthen Levee | Vegetation         | LS         | U      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Dead brush needs to be removed, too thick to access and no visibility of levee slope or toe   | 37.809975 °<br>-121.396107 ° | 37.809822 °<br>-121.396376 ° | 31<br>Y   |

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              |            |      |               |                   |          |        | Bank   | Unit Miles                   | Inspection Start/End         | Inspector |
|-----------------------|------------|------|---------------|-------------------|----------|--------|--|------------------------------|------------------------------|-----------|
| Unit No. 01 Old River |            |      |               |                   |          |        | Right  | 1.53                         | 05/24/2011<br>05/24/2011     | Jim Eto   |
| LMR No.               | Levee Mile |      | Category      | Item              | Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No. |
|                       | Start      | End  |               |                   |          |        |  | Start                        | End                          | Photo     |
| 37                    | 0.67       | 0.67 | Earthen Levee | Animal Control    | WS       | M      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: Active burrows evident.  | 37.809974 °<br>-121.396110 ° | 37.809974 °<br>-121.396110 ° | 32<br>Y   |
| 38                    | 0.72       | 0.77 | Earthen Levee | Vegetation        | LS       | C      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Wild Rose on levee toe block access and visibility.   | 37.809508 °<br>-121.397062 ° | 37.808975 °<br>-121.397528 ° | 952       |
| 39                    | 0.76       | 0.76 | Earthen Levee | Vegetation        | LS       | M      | Control annual grass and weeds on the levee slopes and easements.<br>Inspector Comments: Weeds over 12" tall prevent visibility of landside toe.   | 37.809209 °<br>-121.397431 ° | 37.809209 °<br>-121.397431 ° | 33<br>Y   |
| 40                    | 0.82       | 0.82 | Earthen Levee | Encroachments     | WS       | W      | Pipe<br>Inspector Comments: Irrigation intake pump and pipe.   | 37.808427 °<br>-121.397827 ° | 37.808427 °<br>-121.397827 ° | 13<br>Y   |
| 41                    | 0.84       | 0.84 | Earthen Levee | Encroachments     | LS       | C      | Agricultural tilling   | 37.808091 °<br>-121.397880 ° | 37.808091 °<br>-121.397880 ° | 14        |
| 42                    | 0.85       | 0.96 | Earthen Levee | Vegetation        | LS       | C      | Remove the wild growth other than native grasses from the levee slopes.  | 37.806115 °<br>-121.398676 ° | 37.806440 °<br>-121.397728 ° | 18        |
| 43                    | 0.85       | 1.07 | Earthen Levee | Vegetation        | WS       | M      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Tall weeds and brush on top 20' of waterside slope obstruct visibility.   | 37.807938 °<br>-121.397898 ° | 37.806011 °<br>-121.399668 ° | 36        |
| 44                    | 0.85       | 1.53 | Earthen Levee | Vegetation        | LS       | M      | Control annual grass and weeds on the levee slopes and easements.<br>Inspector Comments: Tall weeds prevent visibility of the levee toe.   | 37.807938 °<br>-121.397899 ° | 37.806840 °<br>-121.408155 ° | 35<br>Y   |
| 45                    | 0.85       | 0.85 | Earthen Levee | Encroachments     | LS       | A      | Agricultural tilling<br>Inspector Comments: Tilling issue has been corrected. Tilling now ends at levee toe.   | 37.807938 °<br>-121.397902 ° | 37.807938 °<br>-121.397902 ° | 34<br>Y   |
| 46                    | 0.86       | 0.89 | Earthen Levee | Vegetation        | WS       | C      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: 05/24/2011 This issue is included within levee miles 0.85-1.07, issue no. 36.   | 37.807912 °<br>-121.397768 ° | 37.807423 °<br>-121.397727 ° | 954       |
| 47                    | 0.96       | 0.96 | Earthen Levee | Vegetation        | WS       | C      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Bamboo and Tobacco Leaf on top 20' of waterside levee slope. This issue is included within levee miles 0.85-1.07, issue no. 36. | 37.806412 °<br>-121.397783 ° | 37.806412 °<br>-121.397783 ° | 955       |
| 48                    | 0.97       | 0.97 | Earthen Levee | Trim / Thin Trees | LS       | M      | Trim trees to at least five feet above ground level.   | 37.806347 °<br>-121.397861 ° | 37.806347 °<br>-121.397861 ° | 37<br>Y   |
| 49                    | 1.01       | 1.07 | Earthen Levee | Trim / Thin Trees | LS       | M      | Trim trees to at least five feet above ground level.   | 37.806088 °<br>-121.398710 ° | 37.805903 °<br>-121.399857 ° | 15        |

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              |            |      |               |                   |          | Bank   | Unit Miles  | Inspection Start/End         | Inspector                    |           |
|-----------------------|------------|------|---------------|-------------------|----------|--------|---|------------------------------|------------------------------|-----------|
| Unit No. 01 Old River |            |      |               |                   |          | Right  | 1.53  | 05/24/2011<br>05/24/2011     | Jim Eto                      |           |
| LMR No.               | Levee Mile |      | Category      | Item              | Location | Rating | Action/Comment  | GPS Latitude/Longitude       |                              | Issue No. |
|                       | Start      | End  |               |                   |          |        |   | Start                        | End                          | Photo     |
| 50                    | 1.04       | 1.06 | Earthen Levee | Vegetation        | LS       | M      | Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry and tobacco block visibility.                           | 37.806063 °<br>-121.398930 ° | 37.805967 °<br>-121.399348 ° | 956       |
| 51                    | 1.04       | 1.04 | Earthen Levee | Trim / Thin Trees | LS       | M      | Trim trees over roadway to at least 12 feet above ground level.   | 37.806109 °<br>-121.398950 ° | 37.806109 °<br>-121.398950 ° | 38<br>Y   |
| 52                    | 1.06       | 1.06 | Earthen Levee | Trim / Thin Trees | LS       | M      | Trim trees over roadway to at least 12 feet above ground level.   | 37.806041 °<br>-121.399320 ° | 37.806041 °<br>-121.399320 ° | 39<br>Y   |
| 53                    | 1.09       | 1.09 | Earthen Levee | Vegetation        | WS       | C      | Remove the wild growth other than native grasses from the levee slopes.   | 37.805868 °<br>-121.399830 ° | 37.805868 °<br>-121.399830 ° | 20        |
| 54                    | 1.10       | 1.10 | Earthen Levee | Vegetation        | LS       | M      | Elderberries are blocking visibility and flood fight capability. Inspector Comments: Brush blocks access.   | 37.805848 °<br>-121.400003 ° | 37.805848 °<br>-121.400003 ° | 957       |
| 55                    | 1.16       | 1.16 | Earthen Levee | Encroachments     | WS       | W      | Pipe  | 37.805623 °<br>-121.401207 ° | 37.805623 °<br>-121.401207 ° | 21<br>Y   |
| 56                    | 1.22       | 1.22 | Earthen Levee | Vegetation        | WS       | M      | Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Bamboo within top 20' of waterside levee slope.             | 37.805663 °<br>-121.402151 ° | 37.805663 °<br>-121.402151 ° | 25<br>Y   |
| 57                    | 1.26       | 1.26 | Earthen Levee | Trim / Thin Trees | LS       | U      | Trim trees to at least five feet above ground level. Inspector Comments: Improvements made, however trees remain obstructive. Updated photo 05/24/2011. | 37.805770 °<br>-121.402790 ° | 37.805770 °<br>-121.402790 ° | 16<br>Y   |
| 58                    | 1.46       | 1.46 | Earthen Levee | Encroachments     | LS       | W      | Pipe  | 37.806396 °<br>-121.406348 ° | 37.806396 °<br>-121.406348 ° | 40<br>Y   |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2011

### Reclamation District No. 2089 Stark

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 1             |
| Start Levee Mile       | 0.00          |
| End Levee Mile         | 0.39          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

05/24/2011 Ditch flows parallel with the utility line shown in the photo.

jeto\_s\_20110525\_482.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 2             |
| Start Levee Mile       | 0.04          |
| End Levee Mile         | 0.04          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

Waterside of drainage discharge to Old River.

jeto\_s\_20110301\_215.jpg



|                        |                   |
|------------------------|-------------------|
| Levee Mile Report Line | 3                 |
| Start Levee Mile       | 0.04              |
| End Levee Mile         | 0.04              |
| Location               | Land Side         |
| Category               | Earthen Levee     |
| Item                   | Trim / Thin Trees |

Trees on landside slope limit access and visibility.

jeto\_s\_20110301\_210.jpg



**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

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CO : Completely Obstructing  
N : Not Inspected/Rated

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|  |                   |
|--|-------------------|
| Levee Mile Report Line   | 3                 |
| Start Levee Mile   | 0.04              |
| End Levee Mile   | 0.04              |
| Location   | Land Side         |
| Category   | Earthen Levee     |
| Item   | Trim / Thin Trees |
| 05/24/2011 Condition of tree has not changed since Fall 2010 inspection. |                   |
| jeto_s_20110525_483.jpg  |                   |



|  |               |
|--|---------------|
| Levee Mile Report Line   | 4             |
| Start Levee Mile   | 0.04          |
| End Levee Mile   | 0.04          |
| Location   | Land Side     |
| Category   | Earthen Levee |
| Item   | Encroachments |
| 05/24/2011 Steps are hard to discern in the photo, the top two steps are casting the two shadows located between the post and the photographer's shadow. |               |
| jeto_s_20110525_484.jpg  |               |



|   |               |
|---|---------------|
| Levee Mile Report Line  | 6             |
| Start Levee Mile  | 0.07          |
| End Levee Mile  | 0.29          |
| Location  | Land Side     |
| Category  | Earthen Levee |
| Item  | Vegetation    |
| 05/24/2011 Landside vegetation has been controlled on the top of the slope, but must be controlled down to the toe and 10' beyond, per the Framework Agreement. |               |
| jeto_s_20110525_485.jpg   |               |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|   |                   |
|---|-------------------|
| Levee Mile Report Line  | 7                 |
| Start Levee Mile  | 0.10              |
| End Levee Mile  | 0.10              |
| Location  | Land Side         |
| Category  | Earthen Levee     |
| Item  | Trim / Thin Trees |
| 05/24/2011 Issue remains unchanged since noted in the Fall 2010 inspection. |                   |
| jeto_s_20110525_486.jpg   |                   |



|   |                   |
|---|-------------------|
| Levee Mile Report Line  | 8                 |
| Start Levee Mile  | 0.18              |
| End Levee Mile  | 0.18              |
| Location  | Land Side         |
| Category  | Earthen Levee     |
| Item  | Trim / Thin Trees |
| 05/24/2011 Both trees shown need to be trimmed up 5' to allow visibility of landside slope. |                   |
| jeto_s_20110525_487.jpg   |                   |



|  |                   |
|--|-------------------|
| Levee Mile Report Line                                       | 9                 |
| Start Levee Mile   | 0.23              |
| End Levee Mile   | 0.23              |
| Location   | Land Side         |
| Category   | Earthen Levee     |
| Item   | Trim / Thin Trees |
| 05/24/2011 Tree was also noted in the Fall 20110 inspection. |                   |
| jeto_s_20110525_488.jpg                                      |                   |

**\* Location**

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WS : Waterside  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|  |                   |
|--|-------------------|
| Levee Mile Report Line                     | 10                |
| Start Levee Mile                           | 0.24              |
| End Levee Mile                             | 0.24              |
| Location                                   | Land Side         |
| Category                                   | Earthen Levee     |
| Item                                       | Trim / Thin Trees |
| 05/24/2011 Stump shown in center of photo. |                   |
| jeto_s_20110525_489.jpg                    |                   |



|   |                   |
|---|-------------------|
| Levee Mile Report Line  | 11                |
| Start Levee Mile  | 0.24              |
| End Levee Mile  | 0.24              |
| Location  | Water Side        |
| Category  | Earthen Levee     |
| Item  | Trim / Thin Trees |
| 05/24/2011 Tree must be trimmed up 5'. Issue noted in Fall 2010 inspection. |                   |
| jeto_s_20110525_490.jpg   |                   |



|   |               |
|---|---------------|
| Levee Mile Report Line  | 12            |
| Start Levee Mile  | 0.24          |
| End Levee Mile  | 0.24          |
| Location  | Land Side     |
| Category  | Earthen Levee |
| Item  | Vegetation    |
| Bamboo on levee slope and crown obstruct access and visibility. |               |
| jeto_s_20110301_227.jpg   |               |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

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CO : Completely Obstructing  
N : Not Inspected/Rated

C : Corrected  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 12            |
| Start Levee Mile       | 0.24          |
| End Levee Mile         | 0.24          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

05/24/2011 Bamboo has been trimmed back off of crown, but still completely blocks access and visibility.

jeto\_s\_20110525\_491.jpg



|                        |                   |
|------------------------|-------------------|
| Levee Mile Report Line | 15                |
| Start Levee Mile       | 0.26              |
| End Levee Mile         | 0.26              |
| Location               | Land Side         |
| Category               | Earthen Levee     |
| Item                   | Trim / Thin Trees |

05/24/2011 Stump is located in center of photo.

jeto\_s\_20110525\_492.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 17            |
| Start Levee Mile       | 0.27          |
| End Levee Mile         | 0.39          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

05/24/2011 Thick brush and wild rose completely block access and visibility of landside slope and toe.

jeto\_s\_20110525\_493.jpg



**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

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CO : Completely Obstructing  
N : Not Inspected/Rated

C : Corrected  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|   |                   |
|---|-------------------|
| Levee Mile Report Line  | 19                |
| Start Levee Mile  | 0.29              |
| End Levee Mile  | 0.34              |
| Location  | Land Side         |
| Category  | Earthen Levee     |
| Item  | Trim / Thin Trees |
| 05/24/2011 Numerous trees and thick vegetation in area, trees need to be trimmed to 12' above roadway and up 5' on landside slope and toe to allow access and visibility. |                   |
| jeto_s_20110525_494.jpg   |                   |



|  |               |
|--|---------------|
| Levee Mile Report Line   | 20            |
| Start Levee Mile   | 0.34          |
| End Levee Mile   | 0.34          |
| Location   | Land Side     |
| Category   | Earthen Levee |
| Item   | Vegetation    |
| 05/24/2011 Large bamboo prevents any access and completely obstructs visibility of landside slope and toe. |               |
| jeto_s_20110525_495.jpg  |               |



|  |                   |
|--|-------------------|
| Levee Mile Report Line                               | 22                |
| Start Levee Mile                                     | 0.38              |
| End Levee Mile                                       | 0.38              |
| Location   | Land Side         |
| Category   | Earthen Levee     |
| Item   | Trim / Thin Trees |
| Trees on levee slope obstruct access and visibility. |                   |
| jeto_s_20110301_230.jpg                              |                   |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

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C : Corrected  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|   |                   |
|---|-------------------|
| Levee Mile Report Line  | 23                |
| Start Levee Mile  | 0.39              |
| End Levee Mile  | 0.39              |
| Location  | Land Side         |
| Category  | Earthen Levee     |
| Item  | Trim / Thin Trees |
| 05/24/2011 Tree needs to be trimmed up 5' to allow access and visibility to landside slope. |                   |
| jeto_s_20110525_496.jpg   |                   |



|  |                   |
|--|-------------------|
| Levee Mile Report Line   | 25                |
| Start Levee Mile   | 0.42              |
| End Levee Mile   | 0.48              |
| Location   | Land Side         |
| Category   | Earthen Levee     |
| Item   | Trim / Thin Trees |
| 05/24/2011 Trees need to be trimmed to 12' over roadway and up 5' on levee slope to allow access and visibility. |                   |
| jeto_s_20110525_497.jpg  |                   |



|   |               |
|---|---------------|
| Levee Mile Report Line  | 26            |
| Start Levee Mile  | 0.42          |
| End Levee Mile  | 0.48          |
| Location  | Land Side     |
| Category  | Earthen Levee |
| Item  | Vegetation    |
| 05/24/2011 Photo shows thick dead vegetation and continuation of trees in area that are preventing access and visibility of landside slope and toe. |               |
| jeto_s_20110525_498.jpg   |               |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|   |               |
|---|---------------|
| Levee Mile Report Line                      | 27            |
| Start Levee Mile                            | 0.47          |
| End Levee Mile                              | 0.47          |
| Location                                    | Water Side    |
| Category                                    | Earthen Levee |
| Item  | Encroachments |
| Irrigation intake pump and pipe at LM 0.46. |               |
| jeto_s_20110301_216.jpg                     |               |



|  |                   |
|--|-------------------|
| Levee Mile Report Line   | 29                |
| Start Levee Mile   | 0.50              |
| End Levee Mile   | 0.50              |
| Location   | Water Side        |
| Category   | Earthen Levee     |
| Item   | Trim / Thin Trees |
| 05/24/2011 Trees on waterside need to be thinned to allow access and visibility of top 20' of waterside slope. |                   |
| jeto_s_20110525_499.jpg  |                   |



|  |               |
|--|---------------|
| Levee Mile Report Line   | 30            |
| Start Levee Mile   | 0.50          |
| End Levee Mile   | 0.50          |
| Location   | Land Side     |
| Category   | Earthen Levee |
| Item   | Vegetation    |
| 05/24/2011 Dead brush is too thick to allow access and visibility of landside slope and toe. |               |
| jeto_s_20110525_500.jpg  |               |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

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N : Not Inspected/Rated

C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|  |                   |
|--|-------------------|
| Levee Mile Report Line                                   | 32                |
| Start Levee Mile   | 0.60              |
| End Levee Mile   | 0.60              |
| Location   | Land Side         |
| Category   | Earthen Levee     |
| Item   | Trim / Thin Trees |
| 05/24/2011 Issue was also noted in Fall 2010 inspection. |                   |
| jeto_s_20110525_501.jpg                                  |                   |



|                         |                    |
|-------------------------|--------------------|
| Levee Mile Report Line  | 35                 |
| Start Levee Mile        | 0.66               |
| End Levee Mile          | 0.66               |
| Location                | Water Side         |
| Category                | Supplemental       |
| Item                    | DWR Erosion Survey |
| Front view of site.     |                    |
| jeto_s_20110301_211.jpg |                    |



|                         |                    |
|-------------------------|--------------------|
| Levee Mile Report Line  | 35                 |
| Start Levee Mile        | 0.66               |
| End Levee Mile          | 0.66               |
| Location                | Water Side         |
| Category                | Supplemental       |
| Item                    | DWR Erosion Survey |
| Upstream view of site.  |                    |
| jeto_s_20110301_212.jpg |                    |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

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N : Not Inspected/Rated

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|                        |                    |
|------------------------|--------------------|
| Levee Mile Report Line | 35                 |
| Start Levee Mile       | 0.66               |
| End Levee Mile         | 0.66               |
| Location               | Water Side         |
| Category               | Supplemental       |
| Item                   | DWR Erosion Survey |

Front view of site.

jeto\_s\_20110301\_213.jpg



|                        |                    |
|------------------------|--------------------|
| Levee Mile Report Line | 35                 |
| Start Levee Mile       | 0.66               |
| End Levee Mile         | 0.66               |
| Location               | Water Side         |
| Category               | Supplemental       |
| Item                   | DWR Erosion Survey |

Front view of site.

jeto\_s\_20110301\_214.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 36            |
| Start Levee Mile       | 0.67          |
| End Levee Mile         | 0.68          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

05/24/2011 Vegetation is mostly dead but needs to be removed to allow access and visibility of slope and toe.

jeto\_s\_20110525\_502.jpg



**\* Location**

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WS : Waterside  
CR : Crown

**\*\* Rating**

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CO : Completely Obstructing  
N : Not Inspected/Rated

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|   |                |
|---|----------------|
| Levee Mile Report Line                        | 37             |
| Start Levee Mile                              | 0.67           |
| End Levee Mile                                | 0.67           |
| Location                                      | Water Side     |
| Category                                      | Earthen Levee  |
| Item  | Animal Control |
| 05/24/2011 Two active burrows shown in photo. |                |
| jeto_s_20110525_503.jpg                       |                |



|  |               |
|--|---------------|
| Levee Mile Report Line   | 39            |
| Start Levee Mile   | 0.76          |
| End Levee Mile   | 0.76          |
| Location   | Land Side     |
| Category   | Earthen Levee |
| Item   | Vegetation    |
| 05/24/2011 Vegetation on lower half of slope is blocking visibility of the landside toe. |               |
| jeto_s_20110525_504.jpg  |               |



|   |               |
|---|---------------|
| Levee Mile Report Line                          | 40            |
| Start Levee Mile                                | 0.82          |
| End Levee Mile                                  | 0.82          |
| Location  | Water Side    |
| Category  | Earthen Levee |
| Item  | Encroachments |
| Irrigation intake pump and pipe on levee slope. |               |
| jeto_s_20110301_218.jpg                         |               |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|  |               |
|--|---------------|
| Levee Mile Report Line   | 44            |
| Start Levee Mile   | 0.85          |
| End Levee Mile   | 1.53          |
| Location   | Land Side     |
| Category   | Earthen Levee |
| Item   | Vegetation    |
| 05/24/2011 Vegetation on bottom half of slope prevent visibility of landside toe. Note, vegetation on top half of slope has been controlled. |               |
| jeto_s_20110525_506.jpg  |               |



|  |               |
|--|---------------|
| Levee Mile Report Line   | 45            |
| Start Levee Mile   | 0.85          |
| End Levee Mile   | 0.85          |
| Location   | Land Side     |
| Category   | Earthen Levee |
| Item   | Encroachments |
| 05/24/2011 Photo shows tilling issue noted in Fall 2010 inspection has been corrected, tilling now stops at toe of landside slope. |               |
| jeto_s_20110525_505.jpg  |               |



|  |                   |
|--|-------------------|
| Levee Mile Report Line                     | 48                |
| Start Levee Mile                           | 0.97              |
| End Levee Mile                             | 0.97              |
| Location                                   | Land Side         |
| Category                                   | Earthen Levee     |
| Item                                       | Trim / Thin Trees |
| 05/24/2011 Tree needs to be trimmed up 5'. |                   |
| jeto_s_20110525_507.jpg                    |                   |

**\* Location**

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CR : Crown

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CO : Completely Obstructing  
N : Not Inspected/Rated

C : Corrected  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|                        |                   |
|------------------------|-------------------|
| Levee Mile Report Line | 51                |
| Start Levee Mile       | 1.04              |
| End Levee Mile         | 1.04              |
| Location               | Land Side         |
| Category               | Earthen Levee     |
| Item                   | Trim / Thin Trees |

05/24/2011 Tree needs to be trimmed to allow 12' clearance over road.

jeto\_s\_20110525\_508.jpg



|                        |                   |
|------------------------|-------------------|
| Levee Mile Report Line | 52                |
| Start Levee Mile       | 1.06              |
| End Levee Mile         | 1.06              |
| Location               | Land Side         |
| Category               | Earthen Levee     |
| Item                   | Trim / Thin Trees |

05/24/2011 Tree needs to be trimmed to allow 12' clearance over road.

jeto\_s\_20110525\_509.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 55            |
| Start Levee Mile       | 1.16          |
| End Levee Mile         | 1.16          |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Encroachments |

Drainage discharge into Old River.

jeto\_s\_20110301\_222.jpg



**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

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U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated

C : Corrected  
W : Watch/Monitor



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|  |               |
|--|---------------|
| Levee Mile Report Line   | 56            |
| Start Levee Mile   | 1.22          |
| End Levee Mile   | 1.22          |
| Location   | Water Side    |
| Category   | Earthen Levee |
| Item   | Vegetation    |
| Bamboo on waterside levee slope obstructs access and visibility. |               |
| jeto_s_20110301_224.jpg  |               |



|  |                   |
|--|-------------------|
| Levee Mile Report Line                               | 57                |
| Start Levee Mile                                     | 1.26              |
| End Levee Mile                                       | 1.26              |
| Location   | Land Side         |
| Category   | Earthen Levee     |
| Item   | Trim / Thin Trees |
| Trees on levee slope obstruct access and visibility. |                   |
| jeto_s_20110301_220.jpg                              |                   |



|  |                   |
|--|-------------------|
| Levee Mile Report Line   | 57                |
| Start Levee Mile   | 1.26              |
| End Levee Mile   | 1.26              |
| Location   | Land Side         |
| Category   | Earthen Levee     |
| Item   | Trim / Thin Trees |
| 05/24/2011 Trees have been trimmed since Fall 2010 inspection, however they still need to be trimmed up 5' to allow visibility of slope and access in a flood fight. |                   |
| jeto_s_20110525_510.jpg  |                   |

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.53       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 58            |
| Start Levee Mile       | 1.46          |
| End Levee Mile         | 1.46          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

05/24/2011 pipe through levee, not previously noted in inspection.

jeto\_s\_20110525\_511.jpg



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 2089 Stark**

| Waterway                  | Bank  | Unit Miles |
|---------------------------|-------|------------|
| Unit No. 02 Salmon Slough | Right | 1.37       |

|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating<br>(Fall Only) |                         |                           |                                |                                 |
| Date of Inspection                     | 5/24/2011 - 5/24/2011   |                           |                                |                                 |
| DWR Inspector                          | Jim Eto                 |                           |                                |                                 |
| Accompanied By                         | Bob Winter<br>KSN       |                           |                                |                                 |
|  | Mike Geekas<br>RD 2089  |                           |                                |                                 |

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  |            |      |               |                    |          |        | Bank   | Unit Miles                   | Inspection Start/End         | Inspector |
|---------------------------|------------|------|---------------|--------------------|----------|--------|--|------------------------------|------------------------------|-----------|
| Unit No. 02 Salmon Slough |            |      |               |                    |          |        | Right  | 1.37                         | 05/24/2011<br>05/24/2011     | Jim Eto   |
| LMR No.                   | Levee Mile |      | Category      | Item               | Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No. |
|                           | Start      | End  |               |                    |          |        |  | Start                        | End                          | Photo     |
| 1                         | 0.00       | 0.39 | Earthen Levee | Vegetation         | LS       | M      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Vegetation on the levee slope and toe are partially obstructive.  | 37.806543 °<br>-121.407549 ° | 37.810094 °<br>-121.412438 ° | 19<br>Y   |
| 2                         | 0.06       | 0.06 | Earthen Levee | Trim / Thin Trees  | LS       | M      | Trim trees over roadway to at least 12 feet above ground level.<br>Inspector Comments: Two large oaks with hanging limbs over levee. Downed limb. 05/24/2011 photo added.  | 37.807108 °<br>-121.408488 ° | 37.807108 °<br>-121.408488 ° | 3<br>Y    |
| 3                         | 0.08       | 0.08 | Earthen Levee | Vegetation         | WS       | U      | Elderberries are blocking visibility and flood fight capability.<br>Inspector Comments: Thick brush may include some elderberries. 05/24/2011 updated photo.   | 37.807375 °<br>-121.408605 ° | 37.807375 °<br>-121.408605 ° | 4<br>Y    |
| 4                         | 0.21       | 0.21 | Earthen Levee | Trim / Thin Trees  | LS       | M      | Trim trees to at least five feet above ground level.   | 37.809058 °<br>-121.409712 ° | 37.809058 °<br>-121.409712 ° | 5         |
| 5                         | 0.23       | 0.23 | Earthen Levee | Trim / Thin Trees  | WS       | M      | Trim trees to at least five feet above ground level.   | 37.809282 °<br>-121.409930 ° | 37.809282 °<br>-121.409930 ° | 6<br>Y    |
| 6                         | 0.28       | 0.28 | Earthen Levee | Animal Control     | LS       | M      | Exterminate rodents and backfill and compact or grout burrows.<br>Inspector Comments: Ground squirrel sighted and active borrowing in area   | 37.809717 °<br>-121.410511 ° | 37.809717 °<br>-121.410511 ° | 24<br>Y   |
| 7                         | 0.30       | 0.30 | Earthen Levee | Trim / Thin Trees  | LS       | M      | Trim trees to at least five feet above ground level.   | 37.809878 °<br>-121.411027 ° | 37.809878 °<br>-121.411027 ° | 7         |
| 8                         | 0.34       | 0.34 | Earthen Levee | Encroachments      | LS       | C      | Prunings   | 37.810045 °<br>-121.411527 ° | 37.810045 °<br>-121.411527 ° | 20        |
| 9                         | 0.37       | 0.37 | Earthen Levee | Encroachments      | CR       | PO     | Fences<br>Inspector Comments: Gates across levee.  | 37.810106 °<br>-121.412133 ° | 37.810106 °<br>-121.412133 ° | 2         |
| 10                        | 0.38       | 0.38 | Earthen Levee | Animal Control     | LS       | M      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: Active burrow needs to be repaired.  | 37.810125 °<br>-121.412317 ° | 37.810125 °<br>-121.412317 ° | 26<br>Y   |
| 11                        | 0.40       | 0.66 | Earthen Levee | Vegetation         | LS       | M      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Tobacco leaf and other brush block access and visibility.   | 37.810109 °<br>-121.412619 ° | 37.812395 °<br>-121.415813 ° | 8<br>Y    |
| 12                        | 0.42       | 0.43 | Supplemental  | DWR Erosion Survey | WS       | U      | Inspector Comments: 09/07/2010: Site consists of a jutting rip rap that has created an eddy, scouring the levee slope. Most sections of the toe and lower slope are lined with rip rap. However, the rip rap is sloughing on the mid slope and at the toe, exposing the underlaying soils and tree roots. The remaining revetment is no longer adequately protecting the slope. There are 3 Sycamore trees at the toe with exposed tree roots.<br>08/05/2010: Recommended for repair, per CLRO.<br>[2010 SiteID: RD2089U02RM28.35] | 37.809960 °<br>-121.413200 ° | 37.809960 °<br>-121.413200 ° | 1<br>Y    |

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  |  |  |  |  |  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|---------------------------|--|--|--|--|--|-------|------------|--------------------------|-----------|
| Unit No. 02 Salmon Slough |  |  |  |  |  | Right | 1.37       | 05/24/2011<br>05/24/2011 | Jim Eto   |

  

| LMIR No. | Levee Mile |      | Category      | Item                                  | Location | Rating | Action/Comment  | GPS Latitude/Longitude       |                              | Issue No.<br>Photo |
|----------|------------|------|---------------|---------------------------------------|----------|--------|---|------------------------------|------------------------------|--------------------|
|          | Start      | End  |               |                                       |          |        |   | Start                        | End                          |                    |
| 13       | 0.46       | 0.46 | Earthen Levee | Encroachments                         | WS       | PO     | Buildings<br>Inspector Comments: Portable toilet on bank, at water's edge.  | 37.810490 °<br>-121.413638 ° | 37.810490 °<br>-121.413638 ° | 27<br>Y            |
| 14       | 0.54       | 0.56 | Earthen Levee | Animal Control                        | WS       | U      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: No rodents present, but significant tracks and burrows, need to be corrected. May be the cause of the drop off on the waterside of the levee crown. See photos. | 37.811212 °<br>-121.414769 ° | 37.811480 °<br>-121.415141 ° | 35<br>Y            |
| 15       | 0.54       | 0.54 | Earthen Levee | Animal Control                        | WS       | U      | Repair the levee slope damaged by livestock and prevent large animal access.<br>Inspector Comments: Animal tracks on slope  | 37.811161 °<br>-121.414800 ° | 37.811161 °<br>-121.414800 ° | 11<br>Y            |
| 16       | 0.56       | 0.56 | Earthen Levee | Encroachments                         | WS       | W      | Pipe<br>Inspector Comments: Irrigation intake   | 37.811366 °<br>-121.415064 ° | 37.811366 °<br>-121.415064 ° | 12<br>Y            |
| 17       | 0.69       | 0.85 | Earthen Levee | Vegetation                            | WS       | C      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Vegetation has been sprayed but still remains.   | 37.812658 °<br>-121.415193 ° | 37.814843 °<br>-121.414732 ° | 10                 |
| 18       | 0.70       | 0.70 | Earthen Levee | Crown Surface / Depressions / Rutting | CR       | C      | Add appropriate gravel or road base. Grade and compact.<br>Inspector Comments: Animal tracks through gate degrading crown surface. Rock placement prevents additional damage.   | 37.812813 °<br>-121.415132 ° | 37.812813 °<br>-121.415132 ° | 15                 |
| 19       | 0.75       | 0.75 | Earthen Levee | Animal Control                        | CR       | C      | Repair the levee slope damaged by livestock and prevent large animal access.<br>Inspector Comments: Animal traffic is degrading levee crown patrol road.  | 37.813643 °<br>-121.414461 ° | 37.813643 °<br>-121.414461 ° | 18                 |
| 20       | 0.82       | 0.82 | Earthen Levee | Trim / Thin Trees                     | WS       | M      | Trim trees over roadway to at least 12 feet above ground level.   | 37.814544 °<br>-121.414276 ° | 37.814544 °<br>-121.414276 ° | 37<br>Y            |
| 21       | 0.82       | 0.86 | Earthen Levee | Vegetation                            | LS       | U      | Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: Wild growth and dead underbrush prevents visibility of levee slope and area cannot be accessed if needed for a flood fight.  | 37.814421 °<br>-121.414203 ° | 37.814913 °<br>-121.414594 ° | 36<br>Y            |
| 22       | 0.82       | 0.82 | Earthen Levee | Vegetation                            | LS       | C      | Remove the wild growth other than native grasses from the levee slopes.   | 37.814450 °<br>-121.414315 ° | 37.814450 °<br>-121.414315 ° | 22                 |
| 23       | 0.85       | 0.85 | Earthen Levee | Animal Control                        | WS       | M      | Repair the levee slope damaged by livestock and prevent large animal access.<br>Inspector Comments: Livestock have worn paths into levee slope.   | 37.814773 °<br>-121.414555 ° | 37.814773 °<br>-121.414555 ° | 21                 |
| 24       | 0.85       | 0.85 | Earthen Levee | Animal Control                        | WS       | M      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: Active burrows present.   | 37.814844 °<br>-121.414566 ° | 37.814844 °<br>-121.414566 ° | 38                 |

**\* Location**

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CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  |            |      |               |                   |          |        | Bank  | Unit Miles                   | Inspection Start/End         | Inspector |
|---------------------------|------------|------|---------------|-------------------|----------|--------|---|------------------------------|------------------------------|-----------|
| Unit No. 02 Salmon Slough |            |      |               |                   |          |        | Right   | 1.37                         | 05/24/2011<br>05/24/2011     | Jim Eto   |
| LMR No.                   | Levee Mile |      | Category      | Item              | Location | Rating | Action/Comment  | GPS Latitude/Longitude       |                              | Issue No. |
|                           | Start      | End  |               |                   |          |        |   | Start                        | End                          | Photo     |
| 25                        | 0.86       | 0.86 | Earthen Levee | Vegetation        | LS       | M      | Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry and blackberry on levee slope.  | 37.814906 °<br>-121.414745 ° | 37.814906 °<br>-121.414745 ° | 25        |
| 26                        | 0.86       | 0.86 | Earthen Levee | Encroachments     | CR       | PO     | Fences<br>Inspector Comments: Gate across levee crown.  | 37.814881 °<br>-121.414676 ° | 37.814881 °<br>-121.414676 ° | 9         |
| 27                        | 0.87       | 0.92 | Earthen Levee | Animal Control    | LS       | U      | Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Numerous burrows on landside slope adjacent to hay storage area. Deep burrows in crown and land side ramp. | 37.814997 °<br>-121.414774 ° | 37.814970 °<br>-121.415767 ° | 40<br>Y   |
| 28                        | 0.87       | 1.28 | Earthen Levee | Vegetation        | WS       | M      | Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Waterside weeds have not been controlled.   | 37.814997 °<br>-121.414774 ° | 37.818246 °<br>-121.419688 ° | 39<br>Y   |
| 29                        | 0.88       | 0.91 | Earthen Levee | Animal Control    | LS       | C      | Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Active rodent burrows on both sides of levee.  | 37.814978 °<br>-121.415117 ° | 37.814898 °<br>-121.415653 ° | 13        |
| 30                        | 0.88       | 0.88 | Earthen Levee | Encroachments     | LS       | C      | Abandoned vehicles<br>Inspector Comments: Abandoned trailers within 10' of levee slope obstruct access.   | 37.815000 °<br>-121.415003 ° | 37.815000 °<br>-121.415003 ° | 16        |
| 31                        | 0.95       | 0.95 | Earthen Levee | Encroachments     | WS       | M      | Pipe<br>Inspector Comments: Debris/CMP on levee slope needsto be removed.   | 37.814940 °<br>-121.416499 ° | 37.814940 °<br>-121.416499 ° | 41<br>Y   |
| 32                        | 0.99       | 0.99 | Earthen Levee | Encroachments     | LS       | M      | Debris  | 37.814990 °<br>-121.416999 ° | 37.814990 °<br>-121.416999 ° | 28<br>Y   |
| 33                        | 1.02       | 1.14 | Earthen Levee | Trim / Thin Trees | LS       | M      | Trim trees to at least five feet above ground level.  | 37.815160 °<br>-121.417474 ° | 37.816499 °<br>-121.418824 ° | 42        |
| 34                        | 1.07       | 1.07 | Earthen Levee | Trim / Thin Trees | WS       | N      | Tree stumps.<br>Inspector Comments: 14" dia stump. Could not verify overgrown with high weeds.  | 37.815629 °<br>-121.418133 ° | 37.815629 °<br>-121.418133 ° | 29<br>Y   |
| 35                        | 1.08       | 1.08 | Earthen Levee | Encroachments     | WS       | M      | Debris<br>Inspector Comments: Water tanks disposed of on levee are obstructive.   | 37.815734 °<br>-121.418226 ° | 37.815734 °<br>-121.418226 ° | 17        |
| 36                        | 1.15       | 1.15 | Earthen Levee | Vegetation        | WS       | M      | Elderberries are blocking visibility and flood fight capability.  | 37.816487 °<br>-121.418948 ° | 37.816487 °<br>-121.418948 ° | 30        |
| 37                        | 1.19       | 1.19 | Earthen Levee | Trim / Thin Trees | LS       | C      | Trim trees to at least five feet above ground level.  | 37.817048 °<br>-121.419307 ° | 37.817048 °<br>-121.419307 ° | 14        |
| 38                        | 1.26       | 1.26 | Earthen Levee | Vegetation        | WS       | M      | Elderberries are blocking visibility and flood fight capability.  | 37.818051 °<br>-121.419743 ° | 37.818051 °<br>-121.419743 ° | 31        |

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  |  |  |  |  |  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|---------------------------|--|--|--|--|--|-------|------------|--------------------------|-----------|
| Unit No. 02 Salmon Slough |  |  |  |  |  | Right | 1.37       | 05/24/2011<br>05/24/2011 | Jim Eto   |

  

| LMIR No. | Levee Mile |      | Category      | Item              | * Location | ** Rating | Action/Comment  | GPS Latitude/Longitude       |                              | Issue No. |
|----------|------------|------|---------------|-------------------|------------|-----------|---|------------------------------|------------------------------|-----------|
|          | Start      | End  |               |                   |            |           |   | Start                        | End                          | Photo     |
| 39       | 1.28       | 1.33 | Earthen Levee | Encroachments     | LS         | CO        | Buildings<br>Inspector Comments: Buildings and equipment encroach within 10-ft of landside toe.                           | 37.818277 °<br>-121.419725 ° | 37.819040 °<br>-121.419760 ° | 23<br>Y   |
| 40       | 1.30       | 1.33 | Earthen Levee | Trim / Thin Trees | WS         | M         | Trim trees over roadway to at least 12 feet above ground level.<br>Inspector Comments: Low hanging trees over crown road. | 37.818607 °<br>-121.419660 ° | 37.818968 °<br>-121.419743 ° | 43<br>Y   |
| 41       | 1.32       | 1.32 | Earthen Levee | Vegetation        | WS         | M         | Elderberries are blocking visibility and flood fight capability.  | 37.818829 °<br>-121.419776 ° | 37.818829 °<br>-121.419776 ° | 32        |

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|---------------------------|-------|------------|--------------------------|-----------|
| Unit No. 02 Salmon Slough | Right | 1.37       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|   |                   |
|---|-------------------|
| Levee Mile Report Line  | 2                 |
| Start Levee Mile  | 0.06              |
| End Levee Mile  | 0.06              |
| Location  | Land Side         |
| Category  | Earthen Levee     |
| Item  | Trim / Thin Trees |
| 05/24/2011 Issue noted in Fall 2010 inspection. Downed limb is visible beneath the overhanging limbs. |                   |
| jeto_s_20110525_512.jpg   |                   |



|  |               |
|--|---------------|
| Levee Mile Report Line                                     | 3             |
| Start Levee Mile   | 0.08          |
| End Levee Mile   | 0.08          |
| Location   | Water Side    |
| Category   | Earthen Levee |
| Item   | Vegetation    |
| Fall 2009 photo of unacceptable vegetation on levee slope. |               |
| jeto_s_20110301_239.jpg                                    |               |



|  |               |
|--|---------------|
| Levee Mile Report Line   | 3             |
| Start Levee Mile   | 0.08          |
| End Levee Mile   | 0.08          |
| Location   | Water Side    |
| Category   | Earthen Levee |
| Item   | Vegetation    |
| 05/24/2011 Updated photo of issue noted in Fall 2010 inspection. |               |
| jeto_s_20110525_513.jpg  |               |

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|---------------------------|-------|------------|--------------------------|-----------|
| Unit No. 02 Salmon Slough | Right | 1.37       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|  |                   |
|--|-------------------|
| Levee Mile Report Line   | 5                 |
| Start Levee Mile   | 0.23              |
| End Levee Mile   | 0.23              |
| Location   | Water Side        |
| Category   | Earthen Levee     |
| Item   | Trim / Thin Trees |
| Trees within 20' of crown on waterside slope should be trimmed to allow access and visibility. |                   |
| jeto_s_20110301_240.jpg  |                   |



|   |                |
|---|----------------|
| Levee Mile Report Line                                      | 6              |
| Start Levee Mile  | 0.28           |
| End Levee Mile  | 0.28           |
| Location  | Land Side      |
| Category  | Earthen Levee  |
| Item  | Animal Control |
| 05/24/2011 Active burrows, ground squirrel sighted in area. |                |
| jeto_s_20110525_514.jpg                                     |                |



|                                  |                |
|----------------------------------|----------------|
| Levee Mile Report Line           | 10             |
| Start Levee Mile                 | 0.38           |
| End Levee Mile                   | 0.38           |
| Location                         | Land Side      |
| Category                         | Earthen Levee  |
| Item                             | Animal Control |
| 05/24/2011 Active rodent burrow. |                |
| jeto_s_20110525_515.jpg          |                |

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|---------------------------|-------|------------|--------------------------|-----------|
| Unit No. 02 Salmon Slough | Right | 1.37       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 11            |
| Start Levee Mile       | 0.40          |
| End Levee Mile         | 0.66          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

Fall 2009 photo: brush on landside toe limits visibility and accessibility.

jeto\_s\_20110301\_241.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 11            |
| Start Levee Mile       | 0.40          |
| End Levee Mile         | 0.66          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

Brush on landside slope limits access.

jeto\_s\_20110301\_242.jpg



|                        |                    |
|------------------------|--------------------|
| Levee Mile Report Line | 12                 |
| Start Levee Mile       | 0.42               |
| End Levee Mile         | 0.43               |
| Location               | Water Side         |
| Category               | Supplemental       |
| Item                   | DWR Erosion Survey |

Upstream view of site where jutting rip rap is located.

jeto\_s\_20110301\_235.jpg



**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
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**Flood Control Project Maintenance  
Levee Inspections**

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|---------------------------|-------|------------|--------------------------|-----------|
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|                        |                    |
|------------------------|--------------------|
| Levee Mile Report Line | 12                 |
| Start Levee Mile       | 0.42               |
| End Levee Mile         | 0.43               |
| Location               | Water Side         |
| Category               | Supplemental       |
| Item                   | DWR Erosion Survey |

Upstream view of site where rip rap has sloughed.

jeto\_s\_20110301\_236.jpg



|                        |                    |
|------------------------|--------------------|
| Levee Mile Report Line | 12                 |
| Start Levee Mile       | 0.42               |
| End Levee Mile         | 0.43               |
| Location               | Water Side         |
| Category               | Supplemental       |
| Item                   | DWR Erosion Survey |

Front view of Sycamore trees with roots exposed. Note existing toe revetment.

jeto\_s\_20110301\_237.jpg



|                        |                    |
|------------------------|--------------------|
| Levee Mile Report Line | 12                 |
| Start Levee Mile       | 0.42               |
| End Levee Mile         | 0.43               |
| Location               | Water Side         |
| Category               | Supplemental       |
| Item                   | DWR Erosion Survey |

Downstream view of site. Note existing toe and lower slope revetment. Much of the revetment has sloughed.

jeto\_s\_20110301\_238.jpg



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|---------------------------|-------|------------|--------------------------|-----------|
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|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 13            |
| Start Levee Mile       | 0.46          |
| End Levee Mile         | 0.46          |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Encroachments |

05/24/2011 Portable toilet is in the shadows in the center of the photo at the water's edge.

jeto\_s\_20110525\_516.jpg



|                        |                |
|------------------------|----------------|
| Levee Mile Report Line | 14             |
| Start Levee Mile       | 0.54           |
| End Levee Mile         | 0.56           |
| Location               | Water Side     |
| Category               | Earthen Levee  |
| Item                   | Animal Control |

05/24/2011 Burrow shown on levee crown,

jeto\_s\_20110525\_517.jpg



|                        |                |
|------------------------|----------------|
| Levee Mile Report Line | 14             |
| Start Levee Mile       | 0.54           |
| End Levee Mile         | 0.56           |
| Location               | Water Side     |
| Category               | Earthen Levee  |
| Item                   | Animal Control |

05/24/2011 Photo shows dropoff from levee crown roundpoint shovel shown for perspective, shovel is located adjacent to burrow shown in previous photo.

jeto\_s\_20110525\_518.jpg



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|---------------------------|-------|------------|--------------------------|-----------|
| Unit No. 02 Salmon Slough | Right | 1.37       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|                        |                |
|------------------------|----------------|
| Levee Mile Report Line | 14             |
| Start Levee Mile       | 0.54           |
| End Levee Mile         | 0.56           |
| Location               | Water Side     |
| Category               | Earthen Levee  |
| Item                   | Animal Control |

05/24/2011 Photo taken from LM 0.56 showing length of damage and burrow evidence. Pickup is at beginning of damage area, LM 0.54.

jeto\_s\_20110525\_519.jpg



|                        |                |
|------------------------|----------------|
| Levee Mile Report Line | 15             |
| Start Levee Mile       | 0.54           |
| End Levee Mile         | 0.54           |
| Location               | Water Side     |
| Category               | Earthen Levee  |
| Item                   | Animal Control |

Animal tracks on landside slope have created a slope stability issue.

jeto\_s\_20110301\_244.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 16            |
| Start Levee Mile       | 0.56          |
| End Levee Mile         | 0.56          |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Encroachments |

Irrigation intake pump and pipe at waterside slope.

jeto\_s\_20110301\_245.jpg



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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|---------------------------|-------|------------|--------------------------|-----------|
| Unit No. 02 Salmon Slough | Right | 1.37       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|                        |                   |
|------------------------|-------------------|
| Levee Mile Report Line | 20                |
| Start Levee Mile       | 0.82              |
| End Levee Mile         | 0.82              |
| Location               | Water Side        |
| Category               | Earthen Levee     |
| Item                   | Trim / Thin Trees |

05/24/2011 Trees need to be trimmed up 12' over road.

jeto\_s\_20110525\_521.jpg



|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 21            |
| Start Levee Mile       | 0.82          |
| End Levee Mile         | 0.86          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

05/24/2011 Extremely thick dead brush prevents access and visibility.

jeto\_s\_20110525\_520.jpg



|                        |                |
|------------------------|----------------|
| Levee Mile Report Line | 27             |
| Start Levee Mile       | 0.87           |
| End Levee Mile         | 0.92           |
| Location               | Land Side      |
| Category               | Earthen Levee  |
| Item                   | Animal Control |

05/24/2011 Deep vertical burrow in levee crown.

jeto\_s\_20110525\_522.jpg



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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|---------------------------|-------|------------|--------------------------|-----------|
| Unit No. 02 Salmon Slough | Right | 1.37       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|  |                |
|--|----------------|
| Levee Mile Report Line   | 27             |
| Start Levee Mile   | 0.87           |
| End Levee Mile   | 0.92           |
| Location   | Land Side      |
| Category   | Earthen Levee  |
| Item   | Animal Control |
| 05/24/2011 Deep vertical burrow in ramp on land side of levee. |                |
| jeto_s_20110525_523.jpg  |                |



|   |               |
|---|---------------|
| Levee Mile Report Line  | 28            |
| Start Levee Mile  | 0.87          |
| End Levee Mile  | 1.28          |
| Location  | Water Side    |
| Category  | Earthen Levee |
| Item  | Vegetation    |
| 05/24/2011 Tall weeds on top 20' of water side slope and crown. Condition continues to LM 1.29. |               |
| jeto_s_20110525_524.jpg   |               |



|  |               |
|--|---------------|
| Levee Mile Report Line   | 31            |
| Start Levee Mile   | 0.95          |
| End Levee Mile   | 0.95          |
| Location   | Water Side    |
| Category   | Earthen Levee |
| Item   | Encroachments |
| 05/24/2011 Old CMP left on waterside levee slope, needs to be removed. |               |
| jeto_s_20110525_525.jpg  |               |

**\* Location**

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Levee Inspections**

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| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|---------------------------|-------|------------|--------------------------|-----------|
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|   |               |
|---|---------------|
| Levee Mile Report Line  | 32            |
| Start Levee Mile  | 0.99          |
| End Levee Mile  | 0.99          |
| Location  | Land Side     |
| Category  | Earthen Levee |
| Item  | Encroachments |
| 05/24/2011 Concrete and metal debris at landside toe needs to be removed. |               |
| jeto_s_20110525_526.jpg   |               |



|  |                   |
|--|-------------------|
| Levee Mile Report Line                                 | 34                |
| Start Levee Mile                                       | 1.07              |
| End Levee Mile   | 1.07              |
| Location   | Water Side        |
| Category   | Earthen Levee     |
| Item   | Trim / Thin Trees |
| Tree stump >2" left after vegetation and tree removal. |                   |
| jeto_s_20110301_250.jpg                                |                   |



|   |               |
|---|---------------|
| Levee Mile Report Line  | 39            |
| Start Levee Mile  | 1.28          |
| End Levee Mile  | 1.33          |
| Location  | Land Side     |
| Category  | Earthen Levee |
| Item  | Encroachments |
| Fall 2009 photo: boat and equipment stored within 10-ft of levee slope are an encroachment. |               |
| jeto_s_20110301_248.jpg   |               |

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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 2089 Stark**

| Waterway                  | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|---------------------------|-------|------------|--------------------------|-----------|
| Unit No. 02 Salmon Slough | Right | 1.37       | 05/24/2011<br>05/24/2011 | Jim Eto   |

|                        |               |
|------------------------|---------------|
| Levee Mile Report Line | 39            |
| Start Levee Mile       | 1.28          |
| End Levee Mile         | 1.33          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Encroachments |

Fall 2009 photo: Buildings and patio decks are built within 10-ft of the levee slope.

jeto\_s\_20110301\_249.jpg



|                        |                   |
|------------------------|-------------------|
| Levee Mile Report Line | 40                |
| Start Levee Mile       | 1.30              |
| End Levee Mile         | 1.33              |
| Location               | Water Side        |
| Category               | Earthen Levee     |
| Item                   | Trim / Thin Trees |

05/24/2011 Low hanging trees need to be trimmed up 12' over road.

jeto\_s\_20110525\_527.jpg



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